

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

July 09, 2009

CLS Work Order #: CSF0869
COC #: 94811,83105

Jeff Huggins
CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova, CA 95670-6114

Project Name: Walker Mine

Enclosed are the results of analyses for samples received by the laboratory on 06/19/09 08:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,



James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED		GEOTRACKER:			
NAME AND ADDRESS		DESTINATION LABORATORY				EDF REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO			
PROJECT MANAGER		PROJECT NAME				GLOBAL ID: _____			
PROJECT NAME		OTHER				COMPOSITE: _____			
SAMPLED BY						FIELD CONDITIONS: _____			
JOB DESCRIPTION						TURN AROUND TIME			
SITE LOCATION						SPECIAL INSTRUCTIONS			
						OR			
						ALT. ID:			
DATE	TIME	IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	1 DAY	2 DAY	5 DAY	10 DAY
6-18-09	9:45	WM-5 LGC/UIS	Water	3	Plastic 3/2				
	10:00	WM-3 DC-Downstream							
	10:30	WM-1 Portal							
	10:50	WM-1 GC-6							
	10:45	WM-2 DC-Upstream							
	12:00	WM-4 DC 48" Culvert							
	12:20	WM-9 Browns Cabin							
	13:05	WM-6 - USFS Dam							
	13:00	WM-7 - LGC above DC							
	13:25	WM-7A - DC above new USFS Realignment							
	13:40	WM-7B - DC Realignment above LGC							
	13:45	WM-7C - LGC above DC Realignment							
	14:00	WM-8 - LGC below DC							
PRESERVATIVES: (1) HCL (2) HNO ₃ (3) = COLD (4) = NaOH (5) = H ₂ SO ₄ (6) = Na ₂ SO ₃ (7) =									
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY	
Jeff Huggins		Jeff Huggins - RWACB		6/19/09 8:00am					
Will Orellana		6/19/09		0800					
RECD AT LAB BY:		DATE TIME:		CONDITIONS / COMMENTS:					
SHIPPED BY:		<input type="checkbox"/> FED X <input type="checkbox"/> UPS <input type="checkbox"/> OTHER						AIR BILL #	

ANALYSIS REQUESTED

Bid Group 7 (General Mining)
 Bid Group 7 - Metals (Total)
 Bid Group 7 - Metals (Dissolved)
 Cr 6 - 7196A - Total
 Cr 6 - 7196A - Dissolved

Please run
 Portal Sample only
~~Cr 6 - 7196A - Total~~
~~Cr 6 - 7196A - Dissolved~~
 For
 (Note: for WM-1, Portal Sample please run Cr 6, Total & dissolved in addition to the other COLS.)

Please use the following detection limits for metals
 Cu - 0.001 mg/L
 Need low detection limits for Metals

GEOTRACKER:

EDF REPORT ☐ YES ☐ NO

GLOBAL ID: _____

COMPOSITE: _____

FIELD CONDITIONS: _____

TURN AROUND TIME

SPECIAL INSTRUCTIONS

OR

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CLS - Labs

CHAIN OF CUSTODY

CLS ID No.:

LOG NO.

2 of 2

REPORT TO:

NAME AND ADDRESS
 Central Valley Regional Water Board
 Rancho Cordova, CA 95670
 PROJECT MANAGER
 Jeff Huggins
 PROJECT NAME
 Walker Mine
 SAMPLED BY
 Jeff Huggins / Rob Hall
 JOB DESCRIPTION
 Water Quality Monitoring

CLIENT JOB NUMBER

DESTINATION LABORATORY
☐ CLS (916) 638-7301
 3249 FITZGERALD RD.
 RANCHO CORDOVA, CA. 95742
☐ OTHER

ANALYSIS REQUESTED

Bid Group 7 (General Metals)
 Bid Group 7 (Metals (Tie))
 Bid Group 7 (Metals (dissolved))

GEO TRACKER:

EDF REPORT ☐ YES ☐ NO
 GLOBAL ID: _____

COMPOSITE:

FIELD CONDITIONS:

PRESERVATIVES

DATE	TIME	IDENTIFICATION	MATRIX	NO.	TYPE
6-18-09	14:30	NM-11 SBWC	Water	3	Plastic
	14:40	NM-12 MBWC			
	14:50	NM-13 Nye Ck			
	15:00	NM-17 NBWC			

3/2
 Bid Group 7 (General Metals)
 Bid Group 7 (Metals (Tie))
 Bid Group 7 (Metals (dissolved))

TURN AROUND TIME

Day 1	Day 2	Day 5	Day 10

SPECIAL INSTRUCTIONS

OR
 ALT. ID:

Need low detection limits for Metals

SUSPECTED CONSTITUENTS

PRESERVATIVES:
 (1) HCL
 (2) HNO₃

(3) = COLD
 (4) = NaOH
 (5) = H₂SO₄
 (6) = Na₂S₂O₃
 (7) =

RELINQUISHED BY (SIGN)

Jeff Huggins

PRINT NAME / COMPANY

Jeff Huggins RWQB

DATE / TIME

6-19-09 8:00am

RECEIVED BY (SIGN)

4080C

PRINT NAME / COMPANY

4080C

RECEIVED AT LAB BY:

Rob Hall

DATE / TIME

6/19/09

CONDITIONS / COMMENTS:

4080C

SHIPPED BY:

☐ FED X

☐ UPS

☐ OTHER

AIR BILL

4080C

LAB

CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-5 (LGC/MIS) (CSF0869-01) Water Sampled: 06/18/09 09:45 Received: 06/19/09 08:00									
Total Alkalinity	44	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	44	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	82	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.3	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.7	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	30	1.0	"	"	"	"	"	"	
pH	7.01	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	68	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-3 (DC-Downstream) (CSF0869-02) Water Sampled: 06/18/09 10:00 Received: 06/19/09 08:00									
Total Alkalinity	61	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	61	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.77	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.4	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	49	1.0	"	"	"	"	"	"	
pH	7.23	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	1.4	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	91	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-1 (Portal) (CSF0869-03) Water Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road Rancho Cordova, CA 95742

www.californialab.com

916-638-7301

Fax: 916-638-4510

CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-1 (Portal) (CSF0869-03) Water Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									
Total Alkalinity	57	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	57	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.89	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	110	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Hexavalent Chromium	ND	10	µg/L	"	CS04578	06/19/09	06/19/09	EPA 7196A	
Hexavalent Chromium, Dissolved	ND	10	"	"	"	"	"	"	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.9	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	4.5	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	41	1.0	"	"	"	"	"	"	
pH	7.33	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	1.1	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	96	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-2 (DC-Upstream) (CSF0869-04) Water Sampled: 06/18/09 10:45 Received: 06/19/09 08:00									
Total Alkalinity	70	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	70	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.83	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	140	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	12	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	6.2	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.5	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	56	1.0	"	"	"	"	"	"	
pH	7.59	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	100	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-4 @ 48' Culvert (CSF0869-05) Water Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	65	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.2	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.6	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	50	1.0	"	"	"	"	"	"	
pH	7.66	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	1.5	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-9 (Brown's Cabin) (CSF0869-06) Water Sampled: 06/18/09 12:20 Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	100	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	10	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	38	1.0	"	"	"	"	"	"	
pH	7.79	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	3.7	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-6 (MSFS Dam) (CSF0869-07) Water Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									

CA DOHS ELAP Accreditation/Registration Number 1233

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CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-6 (MSFS Dam) (CSF0869-07) Water Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	150	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	15	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.2	1.0	"	"	"	"	"	"	
Potassium	1.1	1.0	"	"	"	"	"	"	
Sodium	3.2	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	56	1.0	"	"	"	"	"	"	
pH	7.76	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	17	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-7 (LGC above DC) (CSF0869-08) Water Sampled: 06/18/09 13:00 Received: 06/19/09 08:00									
Total Alkalinity	47	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	47	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.4	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	36	1.0	"	"	"	"	"	"	
pH	7.68	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	2.8	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	75	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									

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CALIFORNIA LABORATORY SERVICES

07/09/09 08:08

CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									
Total Alkalinity	65	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	65	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.79	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.7	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	47	1.0	"	"	"	"	"	"	
pH	8.02	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	1.6	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	89	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-7B (DC Realignment above LGC) (CSF0869-10) Water Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Total Alkalinity	60	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	60	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.78	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	120	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	11	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	4.7	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	2.7	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	46	1.0	"	"	"	"	"	"	
pH	8.06	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	1.7	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	82	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-7C (LGC above DC Realignment) (CSF0869-11) Water Sampled: 06/18/09 13:45 Received: 06/19/09 08:00									

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CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7C (LGC above DC Realignment) (CSF0869-11) Water Sampled: 06/18/09 13:45 Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.74	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	99	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	8.9	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	33	1.0	"	"	"	"	"	"	
pH	7.37	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	2.4	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	79	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-8 (LGC below DC) (CSF0869-12) Water Sampled: 06/18/09 14:00 Received: 06/19/09 08:00									
Total Alkalinity	50	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	50	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.76	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	100	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	9.6	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	3.1	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	3.0	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	36	1.0	"	"	"	"	"	"	
pH	7.73	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	3.8	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	81	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-11 (SBWC) (CSF0869-13) Water Sampled: 06/18/09 14:30 Received: 06/19/09 08:00									

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Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-11 (SBWC) (CSF0869-13) Water Sampled: 06/18/09 14:30 Received: 06/19/09 08:00									
Total Alkalinity	18	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	18	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.70	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	39	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	3.2	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.0	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.8	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	12	1.0	"	"	"	"	"	"	
pH	6.82	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	59	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-12 (MBWC) (CSF0869-14) Water Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Total Alkalinity	21	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	21	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.72	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	38	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	3.2	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	1.5	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.2	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	14	1.0	"	"	"	"	"	"	
pH	6.22	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	30	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-13 (Nye Crk) (CSF0869-15) Water Sampled: 06/18/09 14:50 Received: 06/19/09 08:00									

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-13 (Nye Crk) (CSF0869-15) Water Sampled: 06/18/09 14:50 Received: 06/19/09 08:00									
Total Alkalinity	38	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	38	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.73	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	74	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	7.0	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	2.8	1.0	"	"	"	"	"	"	
Potassium	ND	1.0	"	"	"	"	"	"	
Sodium	1.8	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	29	1.0	"	"	"	"	"	"	
pH	7.20	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	29	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	
WM-17 (NBWC) (CSF0869-16) Water Sampled: 06/18/09 15:00 Received: 06/19/09 08:00									
Total Alkalinity	77	5.0	mg/L	1	CS04589	06/19/09	06/19/09	SM2310B	
Bicarbonate as CaCO ₃	77	5.0	"	"	"	"	"	"	
Carbonate as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Hydroxide as CaCO ₃	ND	5.0	"	"	"	"	"	"	
Chloride	0.84	0.50	"	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Specific Conductance (EC)	160	1.0	µmhos/cm	"	CS04605	06/22/09	06/22/09	EPA 120.1	
Methylene Blue Active Substances	ND	0.10	mg/L	"	CS04588	06/19/09	06/19/09	SM5540 C	
Calcium	14	1.0	"	"	CS04674	06/27/09	06/27/09	200.7/2340B	
Magnesium	5.8	1.0	"	"	"	"	"	"	
Potassium	1.3	1.0	"	"	"	"	"	"	
Sodium	3.1	1.0	"	"	"	"	"	"	
Hardness as CaCO ₃	59	1.0	"	"	"	"	"	"	
pH	7.95	0.01	pH Units	"	CS04566	06/19/09	06/19/09	SM4500-H B	HT-F
Sulfate as SO ₄	ND	0.50	mg/L	"	CS04624	06/22/09	06/22/09	EPA 300.0	
Total Dissolved Solids	110	10	"	"	CS04623	06/22/09	06/23/09	SM2540C	

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Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-5 (LGC/MIS) (CSF0869-01) Water Sampled: 06/18/09 09:45 Received: 06/19/09 08:00									
Aluminum	29	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	370	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-3 (DC-Downstream) (CSF0869-02) Water Sampled: 06/18/09 10:00 Received: 06/19/09 08:00									
Aluminum	34	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	13	1.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	4.9	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-1 (Portal) (CSF0869-03) Water Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	14	2.0	"	"	"	"	"	"	
Copper	98	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	26	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-2 (DC-Upstream) (CSF0869-04) Water Sampled: 06/18/09 10:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-4 @ 48' Culvert (CSF0869-05) Water Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Aluminum	22	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	18	1.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	"	"	

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11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-4 @ 48' Culvert (CSF0869-05) Water Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Zinc	4.0	2.0	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-9 (Brown's Cabin) (CSF0869-06) Water Sampled: 06/18/09 12:20 Received: 06/19/09 08:00									
Aluminum	21	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	10	1.0	"	"	"	"	"	"	
Iron	360	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-6 (MSFS Dam) (CSF0869-07) Water Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	100	1.0	"	"	"	"	"	"	
Iron	680	250	"	5	"	"	"	"	
Zinc	13	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7 (LGC above DC) (CSF0869-08) Water Sampled: 06/18/09 13:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.4	1.0	"	"	"	"	"	"	
Iron	360	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	26	1.0	"	"	"	"	"	"	
Iron	230	100	"	2	"	"	"	"	
Zinc	3.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7B (DC Realignment above LGC) (CSF0869-10) Water Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Aluminum	35	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7B (DC Realignment above LGC) (CSF0869-10) Water Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Arsenic	ND	2.0	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
Copper	22	1.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	9.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7C (LGC above DC Realignment) (CSF0869-11) Water Sampled: 06/18/09 13:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	440	250	"	5	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-8 (LGC below DC) (CSF0869-12) Water Sampled: 06/18/09 14:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	9.9	1.0	"	"	"	"	"	"	
Iron	380	100	"	2	"	"	"	"	
Zinc	2.8	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-11 (SBWC) (CSF0869-13) Water Sampled: 06/18/09 14:30 Received: 06/19/09 08:00									
Aluminum	22	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	3.7	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.8	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-12 (MBWC) (CSF0869-14) Water Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Aluminum	25	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	5.6	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	

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CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 (MBWC) (CSF0869-14) Water Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Cadmium	ND	0.50	µg/L	1	CS04678	"	06/23/09	EPA 200.8	
WM-13 (Nye Crk) (CSF0869-15) Water Sampled: 06/18/09 14:50 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-17 (NBWC) (CSF0869-16) Water Sampled: 06/18/09 15:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04678	06/23/09	06/23/09	EPA 200.8	
Arsenic	ND	2.0	"	"	"	"	"	"	
Copper	ND	1.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-5 (LGC/MIS) (CSF0869-01) Water Sampled: 06/18/09 09:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-3 (DC-Downstream) (CSF0869-02) Water Sampled: 06/18/09 10:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	8.8	2.0	"	"	"	"	"	"	
Iron	100	50	"	"	"	"	"	"	
Zinc	6.1	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-1 (Portal) (CSF0869-03) Water Sampled: 06/18/09 10:30 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	13	5.0	"	"	"	"	"	"	
Copper	84	2.0	"	"	"	"	"	"	
Iron	53	50	"	"	"	"	"	"	
Zinc	23	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-2 (DC-Upstream) (CSF0869-04) Water Sampled: 06/18/09 10:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-4 @ 48' Culvert (CSF0869-05) Water Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	14	2.0	"	"	"	"	"	"	
Iron	130	50	"	"	"	"	"	"	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-4 @ 48' Culvert (CSF0869-05) Water Sampled: 06/18/09 12:00 Received: 06/19/09 08:00									
Zinc	3.2	2.0	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-9 (Brown's Cabin) (CSF0869-06) Water Sampled: 06/18/09 12:20 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	7.1	2.0	"	"	"	"	"	"	
Iron	250	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-6 (MSFS Dam) (CSF0869-07) Water Sampled: 06/18/09 13:05 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	38	2.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	9.2	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7 (LGC above DC) (CSF0869-08) Water Sampled: 06/18/09 13:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	2.9	2.0	"	"	"	"	"	"	
Iron	260	100	"	2	"	"	"	"	
Zinc	2.6	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7A (DC above new MSFS Realignment) (CSF0869-09) Water Sampled: 06/18/09 12:25 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	22	2.0	"	"	"	"	"	"	
Iron	180	50	"	"	"	"	"	"	
Zinc	4.3	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7B (DC Realignment above LGC) (CSF0869-10) Water Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-7B (DC Realignment above LGC) (CSF0869-10) Water Sampled: 06/18/09 13:40 Received: 06/19/09 08:00									
Arsenic	ND	5.0	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
Copper	18	2.0	"	"	"	"	"	"	
Iron	120	50	"	"	"	"	"	"	
Zinc	2.6	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-7C (LGC above DC Realignment) (CSF0869-11) Water Sampled: 06/18/09 13:45 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	300	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-8 (LGC below DC) (CSF0869-12) Water Sampled: 06/18/09 14:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	6.1	2.0	"	"	"	"	"	"	
Iron	230	100	"	2	"	"	"	"	
Zinc	ND	2.0	"	1	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-11 (SBWC) (CSF0869-13) Water Sampled: 06/18/09 14:30 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	3.5	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	3.5	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-12 (MBWC) (CSF0869-14) Water Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	4.9	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals (Dissolved) by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WM-12 (MBWC) (CSF0869-14) Water Sampled: 06/18/09 14:40 Received: 06/19/09 08:00									
Cadmium	ND	0.50	µg/L	1	CS04693	"	06/24/09	EPA 200.8	
WM-13 (Nye Crk) (CSF0869-15) Water Sampled: 06/18/09 14:50 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	
WM-17 (NBWC) (CSF0869-16) Water Sampled: 06/18/09 15:00 Received: 06/19/09 08:00									
Aluminum	ND	20	µg/L	1	CS04693	06/24/09	06/24/09	EPA 200.8	
Arsenic	ND	5.0	"	"	"	"	"	"	
Copper	ND	2.0	"	"	"	"	"	"	
Iron	ND	50	"	"	"	"	"	"	
Zinc	ND	2.0	"	"	"	"	"	"	
Cadmium	ND	0.50	"	"	"	"	"	"	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04578 - General Preparation										
Blank (CS04578-BLK1)				Prepared & Analyzed: 06/19/09						
Hexavalent Chromium	ND	10	µg/L							
Hexavalent Chromium, Dissolved	ND	10	"							
LCS (CS04578-BS1)				Prepared & Analyzed: 06/19/09						
Hexavalent Chromium	273	10	µg/L	250		109	85-115			
Hexavalent Chromium, Dissolved	273	10	"	250		109	80-120			
LCS Dup (CS04578-BSD1)				Prepared & Analyzed: 06/19/09						
Hexavalent Chromium	266	10	µg/L	250		106	85-115	3	20	
Hexavalent Chromium, Dissolved	266	10	"	250		106	80-120	3	20	
Matrix Spike (CS04578-MS1)				Source: CSF0848-01		Prepared & Analyzed: 06/19/09				
Hexavalent Chromium	206	10	µg/L	250	ND	82	85-115			QM-7
Hexavalent Chromium, Dissolved	206	10	"	250	ND	82	80-120			
Matrix Spike Dup (CS04578-MSD1)				Source: CSF0848-01		Prepared & Analyzed: 06/19/09				
Hexavalent Chromium	206	10	µg/L	250	ND	82	85-115	0	20	QM-7
Hexavalent Chromium, Dissolved	206	10	"	250	ND	82	80-120	0	20	
Batch CS04588 - General Preparation										
Blank (CS04588-BLK1)				Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	ND	0.10	mg/L							
LCS (CS04588-BS1)				Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.576	0.10	mg/L	0.500		115	80-120			

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CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04588 - General Preparation										
LCS Dup (CS04588-BSD1)				Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.563	0.10	mg/L	0.500		113	80-120	2	20	
Matrix Spike (CS04588-MS1)				Source: CSF0869-01 Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.582	0.10	mg/L	0.500	ND	116	75-125			
Matrix Spike Dup (CS04588-MSD1)				Source: CSF0869-01 Prepared & Analyzed: 06/19/09						
Methylene Blue Active Substances	0.603	0.10	mg/L	0.500	ND	121	75-125	3	25	
Batch CS04589 - General Preparation										
Blank (CS04589-BLK1)				Prepared & Analyzed: 06/19/09						
Total Alkalinity	ND	5.0	mg/L							
Bicarbonate as CaCO3	ND	5.0	"							
Carbonate as CaCO3	ND	5.0	"							
Hydroxide as CaCO3	ND	5.0	"							
Duplicate (CS04589-DUP1)				Source: CSF0817-01 Prepared & Analyzed: 06/19/09						
Total Alkalinity	44.2	5.0	mg/L		46.6			5	20	
Bicarbonate as CaCO3	44.2	5.0	"		46.6			5	20	
Carbonate as CaCO3	ND	5.0	"		ND				20	
Hydroxide as CaCO3	ND	5.0	"		ND				20	
Batch CS04605 - General Preparation										
Blank (CS04605-BLK1)				Prepared & Analyzed: 06/22/09						
Specific Conductance (EC)	ND		1.0 µmhos/cm							

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Project: Walker Mine
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Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04623 - General Preparation										
Blank (CS04623-BLK1)				Prepared: 06/22/09 Analyzed: 06/23/09						
Total Dissolved Solids	ND	10	mg/L							
Duplicate (CS04623-DUP1)				Source: CSF0898-02 Prepared: 06/22/09 Analyzed: 06/23/09						
Total Dissolved Solids	992	10	mg/L		996			0.4	20	
Batch CS04624 - General Prep										
Blank (CS04624-BLK1)				Prepared & Analyzed: 06/22/09						
Chloride	ND	0.50	mg/L							
Sulfate as SO4	ND	0.50	"							
LCS (CS04624-BS1)				Prepared & Analyzed: 06/22/09						
Chloride	2.00	0.50	mg/L	2.00		100	80-120			
Sulfate as SO4	5.05	0.50	"	5.00		101	80-120			
LCS Dup (CS04624-BSD1)				Prepared & Analyzed: 06/22/09						
Sulfate as SO4	5.09	0.50	mg/L	5.00		102	80-120	0.8	20	
Chloride	2.01	0.50	"	2.00		101	80-120	0.6	20	
Matrix Spike (CS04624-MS1)				Source: CSF0869-01 Prepared & Analyzed: 06/22/09						
Sulfate as SO4	5.15	0.50	mg/L	5.00	0.290	97	75-125			
Chloride	2.22	0.50	"	2.00	0.762	73	75-125			QM-5
Matrix Spike Dup (CS04624-MSD1)				Source: CSF0869-01 Prepared & Analyzed: 06/22/09						
Chloride	2.39	0.50	mg/L	2.00	0.762	81	75-125	7	25	
Sulfate as SO4	5.80	0.50	"	5.00	0.290	110	75-125	12	25	

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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CS04674 - 6010A/No Digestion

Blank (CS04674-BLK1)

Prepared: 06/23/09 Analyzed: 06/27/09

Calcium	ND	1.0	mg/L
Magnesium	ND	1.0	"
Potassium	ND	1.0	"
Sodium	ND	1.0	"
Hardness as CaCO3	ND	1.0	"

LCS (CS04674-BS1)

Prepared: 06/23/09 Analyzed: 06/27/09

Calcium	8.72	1.0	mg/L	10.0	87	80-120
Magnesium	8.20	1.0	"	10.0	82	80-120
Potassium	9.15	1.0	"	10.0	91	80-120
Sodium	8.90	1.0	"	10.0	89	80-120

LCS Dup (CS04674-BSD1)

Prepared: 06/23/09 Analyzed: 06/27/09

Calcium	9.05	1.0	mg/L	10.0	91	80-120	4	20
Magnesium	8.48	1.0	"	10.0	85	80-120	3	20
Potassium	9.36	1.0	"	10.0	94	80-120	2	20
Sodium	9.14	1.0	"	10.0	91	80-120	3	20

Matrix Spike (CS04674-MS1)

Source: CSF0869-01

Prepared: 06/23/09 Analyzed: 06/27/09

Calcium	17.4	1.0	mg/L	10.0	7.35	101	75-125
Magnesium	11.7	1.0	"	10.0	2.74	90	75-125
Potassium	10.5	1.0	"	10.0	ND	105	75-125
Sodium	12.6	1.0	"	10.0	3.05	96	75-125

Matrix Spike Dup (CS04674-MSD1)

Source: CSF0869-01

Prepared: 06/23/09 Analyzed: 06/27/09

Calcium	17.8	1.0	mg/L	10.0	7.35	105	75-125	2	25
Magnesium	12.0	1.0	"	10.0	2.74	93	75-125	3	25
Potassium	10.7	1.0	"	10.0	ND	107	75-125	3	25
Sodium	12.8	1.0	"	10.0	3.05	97	75-125	1	25

CALIFORNIA LABORATORY SERVICES

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CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova CA, 95670-6114

Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CS04678 - EPA 3020A

Blank (CS04678-BLK1)

Prepared & Analyzed: 06/23/09

Aluminum	ND	20	µg/L
Arsenic	ND	2.0	"
Copper	ND	1.0	"
Iron	ND	50	"
Zinc	ND	2.0	"
Cadmium	ND	0.50	"

LCS (CS04678-BS1)

Prepared & Analyzed: 06/23/09

Aluminum	100	20	µg/L	100	100	80-120
Arsenic	103	2.0	"	100	103	80-120
Copper	102	1.0	"	100	102	80-120
Iron	102	50	"	100	102	80-120
Zinc	103	2.0	"	100	103	80-120
Cadmium	10.3	0.50	"	10.0	103	80-120

LCS Dup (CS04678-BSD1)

Prepared & Analyzed: 06/23/09

Aluminum	101	20	µg/L	100	101	80-120	0.4	20
Arsenic	105	2.0	"	100	105	80-120	2	20
Copper	103	1.0	"	100	103	80-120	0.7	20
Iron	91.8	50	"	100	92	80-120	10	20
Zinc	102	2.0	"	100	102	80-120	0.3	20
Cadmium	10.5	0.50	"	10.0	105	80-120	2	20

Matrix Spike (CS04678-MS1)

Source: CSF0869-01

Prepared & Analyzed: 06/23/09

Aluminum	123	20	µg/L	100	29.2	94	75-125
Arsenic	105	2.0	"	100	ND	105	75-125
Copper	100	1.0	"	100	0.780	99	75-125
Iron	465	50	"	100	373	91	75-125
Zinc	101	2.0	"	100	1.77	99	75-125
Cadmium	10.4	0.50	"	10.0	ND	104	75-125

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CS04678 - EPA 3020A

Matrix Spike (CS04678-MS2)

Source: CSF0869-10

Prepared & Analyzed: 06/23/09

Aluminum	125	20	µg/L	100	35.2	90	75-125			
Arsenic	103	2.0	"	100	ND	103	75-125			
Copper	117	1.0	"	100	22.2	95	75-125			
Iron	263	50	"	100	177	86	75-125			
Zinc	98.6	2.0	"	100	9.34	89	75-125			
Cadmium	10.2	0.50	"	10.0	ND	102	75-125			

Matrix Spike Dup (CS04678-MSD1)

Source: CSF0869-01

Prepared & Analyzed: 06/23/09

Aluminum	123	20	µg/L	100	29.2	94	75-125	0.04	25	
Arsenic	106	2.0	"	100	ND	106	75-125	0.9	25	
Copper	99.3	1.0	"	100	0.780	98	75-125	1	25	
Iron	449	50	"	100	373	76	75-125	3	25	
Zinc	103	2.0	"	100	1.77	101	75-125	2	25	
Cadmium	10.7	0.50	"	10.0	ND	107	75-125	3	25	

Matrix Spike Dup (CS04678-MSD2)

Source: CSF0869-10

Prepared & Analyzed: 06/23/09

Aluminum	124	20	µg/L	100	35.2	88	75-125	0.9	25	
Arsenic	103	2.0	"	100	ND	103	75-125	0.4	25	
Copper	116	1.0	"	100	22.2	94	75-125	0.9	25	
Iron	265	50	"	100	177	88	75-125	0.9	25	
Zinc	98.0	2.0	"	100	9.34	89	75-125	0.6	25	
Cadmium	10.2	0.50	"	10.0	ND	102	75-125	0.6	25	

CA DOHS ELAP Accreditation/Registration Number 1233

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CRWQCB - Sacramento 11020 Sun Center Drive, Ste. 200 Rancho Cordova CA, 95670-6114	Project: Walker Mine Project Number: [none] Project Manager: Jeff Huggins	CLS Work Order #: CSF0869 COC #: 94811,83105
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Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CS04693 - EPA 3020A										
Blank (CS04693-BLK1)				Prepared & Analyzed: 06/24/09						
Aluminum	ND	20	µg/L							
Arsenic	ND	5.0	"							
Copper	ND	2.0	"							
Iron	ND	50	"							
Zinc	ND	2.0	"							
Cadmium	ND	0.50	"							
LCS (CS04693-BS1)				Prepared & Analyzed: 06/24/09						
Aluminum	97.3	20	µg/L	100		97	80-120			
Arsenic	98.4	5.0	"	100		98	80-120			
Copper	98.6	2.0	"	100		99	80-120			
Iron	101	50	"	100		101	80-120			
Zinc	100	2.0	"	100		100	80-120			
Cadmium	9.93	0.50	"	10.0		99	80-120			
LCS Dup (CS04693-BSD1)				Prepared & Analyzed: 06/24/09						
Aluminum	99.1	20	µg/L	100		99	80-120	2	20	
Arsenic	98.3	5.0	"	100		98	80-120	0.08	20	
Copper	104	2.0	"	100		104	80-120	5	20	
Iron	116	50	"	100		116	80-120	13	20	
Zinc	102	2.0	"	100		102	80-120	1	20	
Cadmium	9.97	0.50	"	10.0		100	80-120	0.4	20	
Matrix Spike (CS04693-MS1)				Source: CSF0869-01 Prepared & Analyzed: 06/24/09						
Aluminum	102	20	µg/L	100	6.14	96	75-125			
Arsenic	98.9	5.0	"	100	ND	99	75-125			
Copper	95.9	2.0	"	100	0.370	96	75-125			
Iron	328	50	"	100	21.3	307	75-125			QM-7
Zinc	98.1	2.0	"	100	ND	98	75-125			
Cadmium	9.75	0.50	"	10.0	ND	98	75-125			

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11020 Sun Center Drive, Ste. 200
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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Metals (Dissolved) by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CS04693 - EPA 3020A

Matrix Spike (CS04693-MS2)		Source: CSF0869-10		Prepared & Analyzed: 06/24/09						
Aluminum	104	20	µg/L	100	13.4	91	75-125			
Arsenic	98.9	5.0	"	100	ND	99	75-125			
Copper	111	2.0	"	100	17.7	94	75-125			
Iron	240	50	"	100	124	116	75-125			
Zinc	97.8	2.0	"	100	2.64	95	75-125			
Cadmium	9.87	0.50	"	10.0	ND	99	75-125			

Matrix Spike Dup (CS04693-MSD1)		Source: CSF0869-01		Prepared & Analyzed: 06/24/09						
Aluminum	103	20	µg/L	100	6.14	97	75-125	1	25	
Arsenic	100	5.0	"	100	ND	100	75-125	1	25	
Copper	97.7	2.0	"	100	0.370	97	75-125	2	25	
Iron	338	50	"	100	21.3	316	75-125	3	25	QM-7
Zinc	99.5	2.0	"	100	ND	100	75-125	1	25	
Cadmium	10.2	0.50	"	10.0	ND	102	75-125	5	25	

Matrix Spike Dup (CS04693-MSD2)		Source: CSF0869-10		Prepared & Analyzed: 06/24/09						
Aluminum	103	20	µg/L	100	13.4	89	75-125	2	25	
Arsenic	98.4	5.0	"	100	ND	98	75-125	0.5	25	
Copper	110	2.0	"	100	17.7	93	75-125	0.8	25	
Iron	264	50	"	100	124	140	75-125	10	25	QM-7
Zinc	100	2.0	"	100	2.64	98	75-125	3	25	
Cadmium	9.97	0.50	"	10.0	ND	100	75-125	1	25	

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Project: Walker Mine
Project Number: [none]
Project Manager: Jeff Huggins

CLS Work Order #: CSF0869
COC #: 94811,83105

Notes and Definitions

- QM-7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- QM-5 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- HT-F This is a field test method and it is performed in the lab outside holding time.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference